

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claim 1, 8, 9 and 15 as follows:

1. (currently amended) A circuit, comprising:

a first current limiting circuit including a first switch and a first current source coupled between a selector terminal and a first voltage bus, wherein the selector terminal is coupled to select a mode of operation of an integrated circuit, the first current source limiting circuit having a first fixed current limit value and a third fixed current limit value, the first current limiting circuit adapted to limit a current out of the selector terminal to the first fixed current limit value or the third fixed current limit value in response to a voltage on the selector terminal; and

a second current limiting circuit including a second switch and a second current source coupled between the selector terminal and a second voltage bus, the second current ~~source~~limiting circuit having a second fixed current limit value and a fourth fixed current limit value, the second current limiting circuit adapted to limit a current into the selector terminal to the second fixed current limit value or the fourth fixed current limit value in response to the voltage on the selector terminal.

2. (original) The circuit of claim 1 further comprising a plurality of voltage comparators coupled to the selector terminal.

3. (original) The circuit of claim 2 further comprising decoder circuit coupled to the plurality of voltage comparators.

4. (previously presented) The circuit of claim 1 wherein the first current limiting circuit further includes a first variable current source comprising the first current source and a third current source coupled between the first voltage bus the selector terminal.

5. (original) The circuit of claim 4 wherein the first switch is adapted to conduct when the voltage on the selector terminal is below a first threshold voltage, wherein the first switch is adapted not to conduct when the voltage on the selector terminal is above a second threshold voltage.

6. (previously presented) The circuit of claim 5 wherein the second current limiting circuit further includes a second variable current source comprising the second current source and a fourth current source coupled between the selector terminal and the second voltage bus.

7. (original) The circuit of claim 6 wherein the second switch is adapted to conduct when the voltage on the selector terminal is above a third threshold voltage, wherein the second switch is adapted not to conduct when the voltage on the selector terminal is below a fourth threshold voltage.

8. (currently amended) The circuit of claim 7 wherein the first current limiting circuit is adapted to limit the current out of the selector terminal to the first fixed current limit value when the voltage on the selector terminal is below a fifth threshold voltage, wherein the first current limiting circuit is adapted to limit the current out of the selector terminal to the ~~second~~third fixed current limit value when the voltage on the selector terminal is above a sixth threshold voltage.

9. (currently amended) The circuit of claim 8 wherein the second current limiting circuit is adapted to limit the current limit into the selector terminal to ~~[[a]]the third~~second fixed current limit when the voltage on the selector terminal is above a seventh threshold voltage, wherein the second current limiting circuit is adapted to limit the current into the selector terminal to ~~[[a]]the fourth~~ fixed current limit when the voltage on the selector terminal is below an eighth threshold voltage.

10. (original) The circuit of claim 7 wherein the first threshold voltage and the second threshold voltage are less than the third threshold voltage and the fourth threshold voltage.

11. (original) The circuit of claim 8 wherein the fifth threshold voltage and the sixth threshold voltage are lower than the first threshold voltage and the second threshold voltage.

12. (original) The circuit of claim 9 wherein the seventh threshold voltage and the eighth threshold voltage are higher than the third threshold voltage and the fourth threshold voltage.

13. (previously presented) The circuit of claim 8 wherein the first fixed current limit is less than the second fixed current limit.

14. (previously presented) The circuit of claim 9 wherein the third fixed current limit is less than the fourth fixed current limit.

15. (currently amended) The circuit of claim 1 wherein the circuit is included in ~~[[an]]~~the integrated circuit device.

16. (original) The circuit of claim 15 wherein the integrated circuit device is a controller in a switching power supply.